



Department of Permitting Services

STATEMENT OF SPECIAL INSPECTIONS

Project Name: _____

Project Address: _____

Permit Number: (A/P): _____

Permit Applicant: _____ **Phone:** () _____

Applicant's Address: _____

Owner: _____ **Phone:** () _____

Owner's Address: _____

Architectural Inspector (AI): _____

Address: _____

License: _____ **Phone:** () _____

Structural Engineer of Record (SER): _____

Address: _____

License: _____ **Phone:** () _____

Geotechnical Inspector (GI): _____

Address: _____

License: _____ **Phone:** () _____

Special Inspector (SI): _____

Address: _____

License: _____ **Phone:** () _____

Testing Agency Engineer (if different from SI): _____

Address: _____

License: _____ **Phone:** () _____

Precast Concrete Engineer of Record (PER): _____

Address: _____

License: _____ **Phone:** () _____

General Contractor (GC): _____

Address: _____

License: _____ **Phone:** () _____

SCHEDULE OF SPECIAL INSPECTIONS

ELEMENT	EXTENT OF SERVICE	AGENT
STRUCTURAL STEEL 1. Material verification of high-strength bolts, nuts, and washers: a. Identification markings to conform to ASTM standards specified in the approved construction documents. b. Manufacturer's certificate of compliance required.		
2. Inspection of high-strength bolting: a. Bearing-type connections. b. Slip-critical connections		
3. Material verification of structural steel: a. Identification markings to conform to ASTM standards specified in the approved construction documents. b. Manufacturers' certified mill test reports		
4. Material verification of weld filler materials: a. Identification markings to conform to AWS specification in the approved construction documents. b. Manufacturer's certificate of compliance required.		

ELEMENT	EXTENT OF SERVICE	AGENT
STRUCTURAL STEEL (continued) 5. Inspection of welding: a. Structural steel: 1) Complete and partial penetration groove welds 2) Multi-pass fillet welds 3) Single-pass fillet welds > 5/16" (7.9 mm) 4) Single-pass fillet welds < 5/16" (7.9 mm) 5) Floor and deck welds b. Reinforcing steel: 1) Verification of weldability of reinforcing steel other than ASTM A 706. 2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls, and shear reinforcement. 3) Shear reinforcement. 4) Other reinforcing steel.		
6. Inspection of steel frame joint details for compliance with approved construction documents: a. Details such as bracing and stiffening. b. Member locations. c. Application of joint details at each connection.		
FABRICATORS		
SOILS Site preparation During fill placement Evaluation of in-place density		
PILE FOUNDATION		
PIER FOUNDATIONS		
WALL PANELS & VENEERS		
EIFS		
WOOD CONSTRUCTION		
SMOKE CONTROL SYSTEMS		

ELEMENT	EXTENT OF SERVICE	AGENT
CONCRETE		
1. Inspection of reinforcing steel, including prestressing tendons, and placement.		
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5B.		
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.		
4. Verifying use of required design mix.		
5. Sampling fresh concrete and performing slump, air content and determining the temperature of fresh concrete at the time of making specimens for strength tests.		
6. Inspection of concrete and shotcrete placement for proper application techniques.		
7. Inspection for maintenance of specified curing temperature and techniques.		
8. Inspection of prestressed concrete: a. Application of prestressing forces. b. Grouting of bonded prestressing tendons in the seismic-force-resisting system.		
9. Erection of precast concrete members.		
10. Verification of in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs.		

ELEMENT	EXTENT OF SERVICE	AGENT
MASONRY (LEVEL 1) 1. As masonry construction begins, the following shall be verified to ensure compliance: a. Proportions of site prepared mortar. b. Construction of mortar joints. c. Location of reinforcement and connectors.		
2. The inspection program shall verify: a. Size and location of structural elements. b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction. c. Specified size, grade and type of reinforcement. d. Welding of reinforcing bars. e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).		
3. Prior to grouting, the following shall be verified to ensure compliance: a. Grout space is clean. b. Placement of reinforcement and connectors. c. Proportions of site-prepared grout. d. Construction of mortar joints.		
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.		
5. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.		
6. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		

ELEMENT	EXTENT OF SERVICE	AGENT
MASONRY CONSTRUCTION (LEVEL 2) 1. From the beginning of masonry construction, the following shall be verified to ensure compliance: a. Proportions of site-mixed mortar and grout. b. Placement of masonry units and construction of mortar joints. c. Placement of reinforcement and connectors. d. Grout space prior to grouting. e. Placement of grout.		
2. The inspection program shall verify: a. Size and location of structural elements. b. Type, size and location of anchors, including other details of anchorage of masonry to structural members frames or other construction. c. Specified size, grade and type of reinforcement. d. Welding of reinforcing bars. e. Protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).		
3. Preparation of any required grout specimens, mortar specimens and/or prisms shall be observed.		
4. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		
SPRAYED FIRE-RESISTANT MATERIALS Structural member surface conditions Application Thickness Density Bond Strength		
ARCHITECTURAL INSPECTION		

ELEMENT	EXTENT OF SERVICE	AGENT
PRE-CAST, OTHERS (Explain)		

This statement of special inspection is submitted as a condition for permit. It includes a Schedule of Special Inspections applicable to this project. The SI shall keep records of specified inspections and testing. The SI shall furnish specified inspection and test reports to the County building official, and to the registered design professionals of record, as appropriate. All discrepancies shall be brought to the attention of the contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the code official and to the registered design professionals of record, as appropriate. Interim reports shall be submitted as required by the special inspection program manual. A Final Report of Special Inspections documenting completion of all required special inspections and correction of documented discrepancies shall be submitted prior to the issuance of an occupancy permit. By signing the SSI, you also affirm that you understand and will comply with the County requirements for Special inspections as outlined in the "SSI", "Special Inspection Program Manual", and the "Building Code".

Owner:

Type or print name

Date

Signature

Inspecting Architect:

Type or print name

Date

Signature

Structural Engineer of Record (SER):

Type or print name

Date

Signature

Geotechnical Inspector

Type or print name

Date

Signature

Precast Concrete Engineer of Record (PER)

Type or print name

Date

Signature

Special Inspector:

Type or print name

Date

Signature

Testing Agency Engineer of Record (if different from SI):

Type or print name

Date

Signature

General Contractor (GC):

Type or print name

Date

Signature

County Code Official's Acceptance:

Type or print name

Date

Signature